

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** R01623 **Lot #:** 7D10422

**Description:** Influenza A Antigen Strain TX  
Influenza A Antigen Strain Texas

**Source:** Embryonated chicken eggs.  
Strain: Texas 1/77 (H3N2)

**Format:** Purified, Liquid

**Purification:** Eggs are infected by the amniotic route, incubated for 72 hours and refrigerated overnight. Amniotic fluids are harvested from live eggs and the embryos are washed in PBS. The suspension was concentrated using cross-flow ultracentrifugation system with 30,000 molecular weight cut off. The concentrate is sonicated and clarified using low speed centrifugation. This preparation contains a high concentration of viral antigens as well as some egg proteins in PBS.

**Concentration:** 1.49 mg/mL (dye binding assay).  
HA Titer: 30720 HA Units/mL

**Buffer:** Phosphate Buffered Saline

**Preservative:** None

**Application:** Suitable for use in Immunoassay and Western Blot. This antigen preparation should be sonicated with a microtip immediately prior to use to ensure that the preparation is uniform. A precipitate may form upon thawing, due to high product concentration. Dilute prior to clarification or other manipulation. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at -70°C to -100°C. Avoid multiple freeze/thaw cycles.

**Inactivation:** Gamma radiation inactivation. Effectiveness determined when no detection of growth in two blind passages under the original culture conditions. Result: No live virus detected by CPE or HA assay.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



15 APR 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**